
Michigan Waterfront Alliance Update for Monday, September 15, 2025

1 message



Photo by Scott Brown

Welcome to the Michigan Waterfront Alliance

Update for Monday, September 15, 2025



Michigan **W**aterfront **A**lliance

P. O. Box 392

Mecosta, MI 49332-0392

michiganwaterfrontalliance.com

Michigan Waterfront Alliance (MWA) is a 501(c) 4 non-profit corporation formed over twenty years ago in order to effectively advocate for the creation or preservation of state laws, and/or policies designed to protect, preserve, and promote the sustainable and wise use of our state's immense treasure of high quality freshwater resources. Our primary mission will be accomplished by proactive participation in Michigan's legislative process (lobbying), by

participating in court cases whose outcomes may have significant statewide ramifications, and/or by direct involvement with natural resources management, or environment focused state agencies or departments.



2025 Mackinac Policy Conference Signage and Dinner at the

Woods sponsored by MWA Lobbyist Karoub Associates

by Bob Frye, MWA President

On May 29 the 2024 LAD "Next Steps" sign was replaced with the 2025 LAD sign: Michigan's Inland Lakes: Economic Engines. Once the installation was finished several people started reading the whole display. John Hulett remarked that the Grand Hotel Organization is very happy to have this display about Michigan's inland lakes on the Grand property.

At the Karoub Associates sponsored Dinner for Senators, Representatives and Clients of Karoub at the Woods restaurant, MWA President Bob Frye made the case about the importance of Michigan's inland lakes to a number of Senators, Representatives and other clients of Karoub Associates. These Included John Roth, Representative of the 104th district and his legislative Aide/ Policy Services Director Mindy Fernandes, Matthew Bierlein, Representative of the 97 District and Gregory Alexander, representing the 98th District. While dining, Representative Ken Borton reaffirmed his support for sponsoring legislation creating the donation option on Michigan waterfront craft registration in order to help fund aquatic invasive species prevention and control.

Donation Option of Watercraft Registrations

Due to the ever-increasing ecological threat and economic disruption that Aquatic Invasive Species are having on our Michigan inland waterways, the Michigan Waterfront Alliance and Lake Awareness Day Partners propose the following:

- 1. Fund Aquatic Invasive Species (AIS) Prevention and Control on Michigan's inland waterways with a Donation Option on Watercraft Registrations. No specific donation amount would be suggested.**
- 2. The MI Department of Environment, Great Lakes, and Energy (EGLE) would create an AIS Prevention and Control Fund Advisory Committee modeled after the office that is responsible for dispersing funds generated by the "Protecting Our Waters" specialty license plate program. This AIS Prevention and Control Fund Advisory Committee would be responsible for making decisions regarding the allocation and dispersal of funds generated by the watercraft registration donation option program.**
- 3. We must ensure the existence of language, within the proposed legislation, that will serve to ensure that the revenue generated by the Watercraft Registration Donation Option program is "protected" and therefore "restricted" for use only to fund Aquatic Invasive Species Prevention and Control program related functions and activities.**
- 4. The Donor Option program shall be primarily dedicated to providing grants to local units of government, inland lake, river, and stream associations and other non-governmental**

organizations for the sole purpose of Aquatic Invasive Species Prevention and Control.

5. "Lake, river or stream association" shall be defined according to the following criteria:
Any State of Michigan inland lake, river, or stream organization.

6. The Board of Directors of the Michigan Waterfront Alliance asks all members and their neighbors and friends to let their state representatives and senators know how valuable our Inland lakes are and how important it is that we improve our stewardship of them through this program.



 **2025 SHORELINE & SHALLOWS CONFERENCE**

**RESTORING
RESILIENCY TO
SHORELINES**

OCTOBER 17 | 8:30 am - 4 pm
EAST LANSING, MI

Dive into the wonders of shorelines
and explore innovative strategies
for preserving these critical inland
lake habitats.

Register today!
WWW.SHORELINEPARTNERSHIP.ORG

Join Us for the 2025 Shoreline and Shallows Conference!

The Michigan Natural Shoreline Partnership's biennial Shoreline and Shallows Conference returns to Michigan State University's Kellogg Center in East Lansing on Friday, October 17, 2025. This year's theme is "Restoring Resiliency to Shorelines". Designed for both professionals and homeowners, the conference offers valuable insights into the vital role inland lake shorelines play in supporting healthy ecosystems—and how to protect them.

Specifically, the conference will feature presentations on the following topics:

- Shoreline characteristics that support resilient fisheries
- Rebuilding shorelines using native plants
- Resilient plant communities of the Great Lakes
- Creating a community of shoreline stewards
- Protecting reptiles and amphibians through shoreline design

Speakers will include faculty and staff from the Michigan Department of Natural Resources (MDNR), Michigan State University (MSU), Central Michigan University, Ferris State University, and the Lake Leelanau Lake Association. Learn more and register for this one-day conference at <https://www.shorelinepartnership.org/shoreline--shallows-conference.html>. The conference fee is \$80.00 and includes lunch. Register by September 10 and receive the early bird discounted price of \$60. Walk-ins will be accepted but lunch is not guaranteed.

Co-sponsors for the conference include the Water Resources Division of the Michigan Department of Environment, Great Lakes and Energy, the Michigan Department of Natural Resources Fisheries Division, Michigan State University Institute of Water Research, Michigan State University Extension, the Michigan Chapter of the North American Lake Management Society, and the Michigan Lakes and Streams Association.

**[Click here to register for the 2025
Shoreline and Shallows Conference](#)**



NotMISpecies Webinar Series

Invasive species pose a threat to Michigan's environment, economy, and sometimes even human health. What is at stake? What is being done? This webinar series explores how agencies, universities, and locally led organizations are working together to protect Michigan's natural resources through the Michigan Invasive Species Program. If you are concerned about the impacts of invasive species or interested in the techniques used to control them, join us as we examine species-specific actions, innovations in research and technology, and programs designed to help communities prevent and manage harmful invasive species. A question-and-answer period will follow each presentation. Recorded versions of all previous [NotMISpecies webinars](#) are available at Michigan.gov/EGLE/Outreach under "All Webinar Series."

Upcoming webinars in the series

Tuesday, September 23, 2025, 9:00 a.m. to 10:00 a.m.

Something strange in your neighborhood? Who ya gonna call?

Call your local invasives-busters, of course! Michigan's cooperative invasive species management areas are here for you, providing guidance and assistance in busting invasive species across the state. Whether it's harmful plants in a local bird sanctuary, wild parsnip along the North Country Trail or aggressive flowers in a backyard garden, CISMAs are here to help! Join Shikha Singh of Jackson, Lenawee and Washtenaw CISMA, Zach Peklo of North Country CISMA and Evan Chalmers of Three Shores CISMA to hear about managing invasive species in important places and how these efforts build valuable relationships

within communities. You'll learn who to call when you need invasive species help, and you might even get to see their cool backpack sprayers!

Thursday, October 30, 2025, 9:00 a.m. to 10:00 a.m.

“Hold the invasives, please!” Certified invasive-free products are coming to Michigan

Have you've ever landscaped with “clean” fill or gravel and ended up with a weed patch, or purchased mulch that took on a life of its own? If so, you might be interested in Michigan's new voluntary, invasive-free certification program. Join Vicki Sawicki, program coordinator with the Department of Natural Resources, to learn how she's building relationships with producers of gravel, fill, mulch, compost and firewood who want to provide clean options for their customers. Invasive plants, insects and even tree diseases can be moved to new places on firewood and landscape materials. Learn more about when and where you can find certified products and how purchasing these can ensure that what you bring home is clean and invasive-free.

Wednesday, November 12, 2025, 9:00 a.m. to 10:00 a.m.

Holiday hitchhikers: Unpacking pests in Christmas trees

Every holiday season, millions of Christmas trees are cut and shipped around the country to become centerpieces for family celebrations – but some come with more than just festive cheer. Spongy moth and balsam woolly adelgid are two invasive Christmas tree pests on the Michigan Department of Agriculture and Rural Development's naughty list. MDARD's Amber Neils and Lindsay Patrick will discuss the status of these two insects in Michigan, their biology, the risks they pose, and how the department's Christmas Tree Inspection and Certification Program helps Michigan tree farms spread holiday cheer without the risk of spreading invasive species.

[Register for these webinars by clicking here](#)

REGISTRATION QUESTIONS:

Joel Roseberry: RoseberryJ@michigan.gov

Alana Berthold: BertholdA@michigan.gov



Photo by Scott Brown

The Need for a Stronger Collaboration Between EGLE and Lake Specialists

by Dr. Jennifer Jermalowicz-Jones, CLP, CLM & MWA Board Member

The need for successful outcomes of aquatic management projects has never been higher than in recent years due to ever increasing development pressures, environmental stressors, and a scarcity of cost-effective solutions that can be permitted by current state statutes. Most industries such as the pharmaceutical, automotive, and retail industries have

a plethora of options for those with specific needs. The lake management industry has always been limited, especially due to EPA registrations among other licensing and product development requirements. Michigan, with all of its tens of thousands of developed lakes has a critical need for increased management options to preserve water quality and waterfront property values. Most lake improvement projects require a permit from EGLE and some also require a joint permit from EGLE and U.S. Army Corps of Engineers. Such permits can be costly to acquire and may take several months to review prior to issuance or denial. Currently, many cost-effective and environmentally favorable projects are denied permits for many different reasons. Thus, there is a need for aquatic managers to have a significantly stronger alliance or partnership with EGLE in the future.

There is an urgent need for enhanced communication, collaboration, and the creation of mutually beneficial solutions to allow for the aforementioned process to occur. Recently, the MWA board of Directors authorized creation of a special committee which includes lake management experts, concerned and educated riparians, and a representative from EGLE. This committee will meet to further expand on the items proposed below and significantly improve communication between all parties for the betterment of lake improvement throughout Michigan. The following action items are thus proposed:

Enhanced communication:

- 1. Ease of access for sharing information**
- 2. Mutual sharing of expertise**
- 3. Sharing of case studies/successes for other states/scientific peer reviews**

Enhanced collaboration:

- 1. Adoption of a team approach instead of “us vs. them”**
- 2. Leveraging expertise from both parties for successful outcomes**
- 3. Establishment of protocol for respectful collaboration of all projects**

Possible solutions:

- 1. Regularly scheduled round table meetings**
- 2. Annual EGLE/lake specialist conference**
- 3. Formation of technical committee for all projects**
- 4. Recommendations from both parties to higher level of office for accountability.**

MWA will provide regular updates on the progress of this process as it advances and will continue to seek input from riparians across the state to assist EGLE with possible directions and future needs for lake improvements.



Photo by Scott Brown

Common Bladderwort

Scientific Name: *Utricularia vulgaris*



Join the Michigan Department of Environment, Great Lakes, and Energy (EGLE) for this free monthly webinar series, to learn how to address environmental issues in your community. Each webinar will include a presentation by EGLE staff and time for questions from attendees. All webinars will be recorded, and a link to the recordings will be shared with all registrants, after each session. More information about the series, including upcoming webinars and recordings of past webinars, can be found on the [series webpage](#).

Upcoming webinars in the series

Waste Gone Wild and Local Enforcement

October 16, 2025, 10:00 - 11:00 AM

Hidden dump piles, trash strewn property, abandoned buildings filled with junk - Local leaders make discoveries like these in their communities all the time. Recycling efforts that start out with good intentions and get out of hand with flat markets and poor planning are usually to blame; however local officials are often left to clean up the mess. Local leaders will want to join this webinar to learn about how to recognize and address waste gone wild situations in your community and the tools that are available to help. Attendees will hear about recycling efforts gone wild for various materials like scrap tires, electronic and other recyclable commodities, as well as how to address nuisance dumping situations.

[Register for the Waste Gone Wild And Local Enforcement Webinar](#)

Wetlands - Where are they and how are they regulated?

November 18, 2025, 10:00 - 11:00 AM

Michigan's wetlands law recognizes the important benefits provided by wetlands and their vital role in recreation, tourism, and the economy. Residents who plan to construct in a wetland or alter a wetland should be aware of the restrictions and permit requirements associated with those activities BEFORE they begin. It's important that local leaders are familiar with these regulations as these are common questions that come up in community forums, board and planning meetings, and one-on-one conversations with residents. This webinar will provide an overview of resources available to identify wetlands in your

community and discuss the requirements associated with construction/modifications in a wetland.

[Register for the Wetlands Webinar](#)

Michigan.gov/EGLEevents

Program Questions:

Jim Ostrowski: Ostrowskij2@Michigan.gov

Registration Questions:

Alana Berthold: BertholdA@Michigan.gov





Photo by Scott Brown

Large Purple Bladderwort

Scientific Name: *Utricularia purpurea*



What We Would Like the Readers of this Newsletter to Know about Michigan Waterfront Alliance

Our Mission:

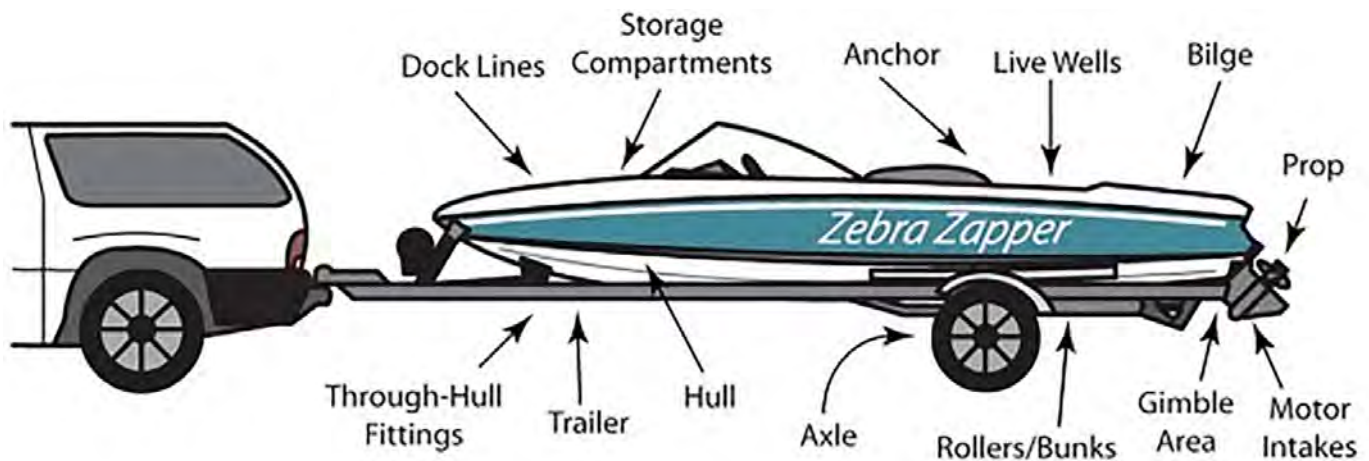
Michigan Waterfront Alliance (MWA) is a 501(c)4 non-profit corporation formed to protect, preserve, and promote wise use of the inland waters of the State of Michigan. Our mission

will be accomplished by active participation in the legislative process, court cases, and/or direct involvement with related state agencies or departments. This membership-enabled corporation maintains the ability to influence legislation through lobbying, an action that is not permitted by 501(c)3 non-profit organizations.

- Michigan Waterfront Alliance is one of just a few non-profit organizations that is permitted by law to influence our state's legislative process in regards to the enactment of state laws, regulations, or policies whose implementation and enforcement ultimately have a direct impact on Michigan's vast natural legacy of high quality freshwater resources by lobbying. Lobbying is defined as the act of attempting to influence decisions made by government officials. Enabled through direct communication and pro-active advocacy, lobbying involves various activities aimed at persuading policymakers, especially state legislators, to support or oppose specific legislation, regulations, and/or other government actions.
- The vast majority of the revenue derived through membership or by donations to Michigan Waterfront Alliance is utilized to compensate our Lansing-based lobbyist - Michigan's longest serving multi-client lobbying firm, Karoub Associates.
- Not a single person who works for Michigan Waterfront Alliance, including the Officers and Directors of our Board of Directors, receive any form of monetary compensation.
- Those who work to enable the day-to-day operation of Michigan Waterfront Alliance are motivated by the desire to contribute in some modest way to the conservation of Michigan's extraordinary valuable natural legacy of high quality inland lakes, rivers, streams, and wetlands.
- It is important for our readers to understand that most of the revenue we receive through the payment of individual, association, or corporate dues as well as donations to Michigan Waterfront Alliance go directly to support our Karoub Associates enabled Lansing-based lobbying efforts that occur on behalf of our freshwater resources, associations, and lakefront property owners (riparians). A small percentage (about 10%) of our total revenue goes to fund the payment of non-discretionary administrative expenses.
- The fact is, only a small fraction of the thousands of readers of this newsletter have thus far chosen to become individual, association, or

corporate members, and/or to donate to Michigan Waterfront Alliance.

- In order for Michigan Waterfront Alliance to sustain our commitment to working on behalf of the preservation of our precious inland lakes, rivers, streams, and wetlands, and the protection of the riparian rights of lakefront property owners, we desperately need many more of our readers to make the wise decision to become Individual, Association, or Corporate members, and/ or to make a generous donation to our efforts by becoming a Bronze, Silver, or Gold MI Healthy Lakes Champion today!!!



Bringing a boat

When a watercraft is part of your fishing routine, remember to “Clean, Drain and Dry” boats, trailers and all equipment and gear after each use on any lake, river or stream. State law requires:

- Making sure watercraft and trailers are free of all aquatic organisms and plants before transporting or launching.
- Removing drain plugs and draining all water from bilges, ballast tanks and live wells before transporting watercraft over land.

Drying boats, trailers and gear is an important step to ensure live organisms, like hard-to-see zebra mussel larvae, plant fragments and didymo cells, don't travel to the next fishing spot. Between sites, do one of the following:

- When possible, dry boats, trailers and gear in the sun for five to seven days.
- Wash boats and trailers with a pressure washer.
- Apply a chemical disinfectant like those listed above.
- Dry surfaces with a towel.

Preventing the introduction and spread of invasive species is the responsibility of everyone who uses Michigan's valuable fresh-water resources. For more information on invasive species and prevention methods, visit Michigan.gov/Invasives.

Michigan's Invasive Species Program is cooperatively implemented by the Michigan departments of Agriculture and Rural Development; Environment, Great Lakes, and Energy; and Natural Resources.





2025 MGLP Lake Conservation Webinars

We are excited to announce our 2025 Lake Conservation Webinars, which start next week!

These free webinars address a diverse range of lake and fish habitat management issues such as aquatic plants, algal blooms, national lake water quality mapping, conservation planning, practices for managing farm drainage and runoff, fish habitat structures, Walleye spawning and stocking, and disproportionate monitoring relative to communities of color.

Check out our lineup below and register using the links provided. You can view the full list of webinars plus recordings of past webinars on our [Lake Conservation Webinars webpage](#).

Walleye stocking success in the Midwestern USA

Daniel Isermann and Robert Davis

October 7, 2025 at 1 PM Central

[Register for webinar](#)

This study evaluated stocking success of Walleye in lakes and reservoirs across the Midwestern United States to inform stocking practices for state agencies. Demand for Walleye stocking may increase if climate change limits the potential for natural recruitment in lakes. Consequently, the strategic distribution of Walleye stocking may maximize fishing opportunities. Latitude and year explained relatively little variation in stocking success compared to within-lake variation. Relative abundance of Largemouth Bass was an important indicator of Walleye stocking success for fry and fingerlings, with stocking success generally decreasing with increased bass abundance. There was an interaction between lake surface area and growing degree-days, as large lakes (>2500 ha) seemed to be

more conducive to Walleye stocking success regardless of growing degree-days. These findings may help to inform the management and stocking allocation of Walleye and suggest that future increases in Largemouth Bass abundance and growing degree-days could limit the effectiveness of stocking in some lakes.

Expect the unexpected: Physical drivers of harmful algal blooms in remote systems

Adam Heathcote

October 14, 2025 at 1 PM Central

[Register for webinar](#)

Harmful algal blooms (HABs) are often linked to external nutrient inputs from anthropogenic phosphorus pollution or atmospheric nitrogen deposition. However, the increasing occurrence of blooms without these inputs has shifted attention to internal drivers. Recent research highlights internal phosphorus loading from sediments, driven by changing stratification patterns, as a key trigger. We present examples from wilderness to hypereutrophic lakes, where HABs occur or intensify due to anoximixis. Using high-frequency sensors and traditional monitoring, we compare bloom timing and intensity with factors such as hypolimnetic phosphorus accumulation, mixing frequency, and cyanotoxin production. Our findings emphasize the need to understand anoximixis as climate change alters lake stratification and accelerates oxygen depletion. These changes may lead to more toxic blooms in affected systems and trigger blooms in lakes previously thought to be resistant.

Smart maps, stronger conservation: Targeting land protection with GIS

Annie Knight, Ally Mazurek, Mitch Brinks, and Paul Radomski

October 21, 2025 at 1 PM Central

[Register for webinar](#)

Northern Waters Land Trust (NWLT) will be presenting on their MGLP-funded project, which developed an interactive GIS mapping tool to identify and prioritize land protection projects within the watersheds of Lakes of Outstanding Biological Significance. In collaboration with a Minnesota DNR researcher, a GIS specialist, and NWLT staff, each parcel within these sensitive watersheds was systematically scored to determine conservation priority. Join this session to learn exactly what metrics were used to evaluate parcels, how the data were integrated into GIS, and how NWLT applies this tool to enhance targeted outreach. This innovative approach has led to a higher volume of landowner applications, increased the

quality of land protection projects, and strengthened NWLT's ability to secure funding for future conservation efforts. Discover how scientific methodology and strategic mapping are shaping the future of land conservation in northern Minnesota.



*Our long term vision is to address Michigan's most pressing lake, stream,
and watershed conservation and stewardship challenges and provide
research-based, timely support to clientele and partners.*

The Center for Lakes and Streams streamlines lake and stream research, engagement, and education activities at the university and highlights the many programs MSU Extension and its partners offer throughout the state. The MSU Extension Center for Lakes and Streams is

not a physical center with a brick-and-mortar headquarters. It is a team of Extension educators and outreach faculty based throughout Michigan with a shared mission of advancing the conservation and stewardship of Michigan's inland lakes and streams.

To achieve this vision, the Center will welcome affiliated faculty from various departments at MSU and will invite external stakeholder input. Affiliates and stakeholders will support the work of the Center by identifying emerging issues and assisting with the prioritization of research and education activities. The Center will welcome stakeholder input from diverse perspectives, including state agencies, tribal partners, other Michigan universities, local and regional decision makers, agricultural producers, and nonprofit, community and riparian organizations.

Want to learn more?

Reach out to the Center for Lakes and Streams Director

Dr. Jo Latimore at latimor1@msu.edu.



Events Listing

All times Eastern. "\$" indicates there may be a cost to participate.

September 25, 2:00 PM: Starry stonewort and manoomin: Case studies on relationship and management. Host: University of Minnesota AIS Detectors.

October 2, 1:00 PM: When the forest burns, what's in the water? Presented by Sarah Elliott, US Geological Survey Upper Midwest Water Science Center. Host: Itasca Waters.

October 7, 2:00 PM: Walleye stocking success in the Midwestern USA. Presented by Daniel Isermann, US Geological Survey - Wisconsin Cooperative Fishery Research Unit, University of Wisconsin Stevens Point; and Robert Davis, Young Harris College. Host: Midwest Glacial Lakes Partnership.

October 14, 2:00 PM: Expect the unexpected: Physical drivers of harmful algal blooms in remote systems. Presented by Adam Heathcote, Science Museum of Minnesota, St. Croix

Watershed Research Station. Host: Midwest Glacial Lakes Partnership.

October 21, 2:00 PM: [Smart maps, stronger conservation: Targeting land protection with GIS](#). Presented by Annie Knight and Ally Mazurek, Northern Waters Land Trust; Mitch Brinks, GIS specialist; and Paul Radomski, Minnesota Department of Natural Resources. Host: Midwest Glacial Lakes Partnership.

October 22: [Great Lakes Microplastics Summit](#) (*virtual event*). Host: Michigan Department of Environment, Great Lakes, and Energy.

November 6, 1:00 PM: [Mystery snail impacts on lake ecosystems](#). Presented by Sarah Kingsbury, Fisheries and Oceans Canada. Host: Itasca Waters.

December 2-4: [2025 Great Lakes Virtual PFAS Summit](#). Host: Michigan Department of Environment, Great Lakes, and Energy.

December 4, 1:00 PM: [Water wishes for the holidays](#). Presented by John Downing, Hilarie Sorensen, Sawyer Lorentz, and Holly Ristau, Minnesota Sea Grant. Host: Itasca Waters.

December 5: [2025 Annual MiCorps Conference](#) (*Michigan's volunteer lake and stream monitoring program*). Host: Michigan Clean Water Corps.

February 17-19, 2026: [2026 Invasive Species Forum](#). Host: Invasive Species Centre.

You may also wish to explore these websites for additional events, recordings of past events, and more:

[Michigan Inland Lakes Convention presentation recordings](#)

[Michigan Lakes and Streams Association](#)

[Michigan State University Extension Center for Lakes and Streams](#)

[Midwest Glacial Lakes Partnership](#)

[North American Lake Management Society](#)



Please join Michigan Waterfront Alliance!

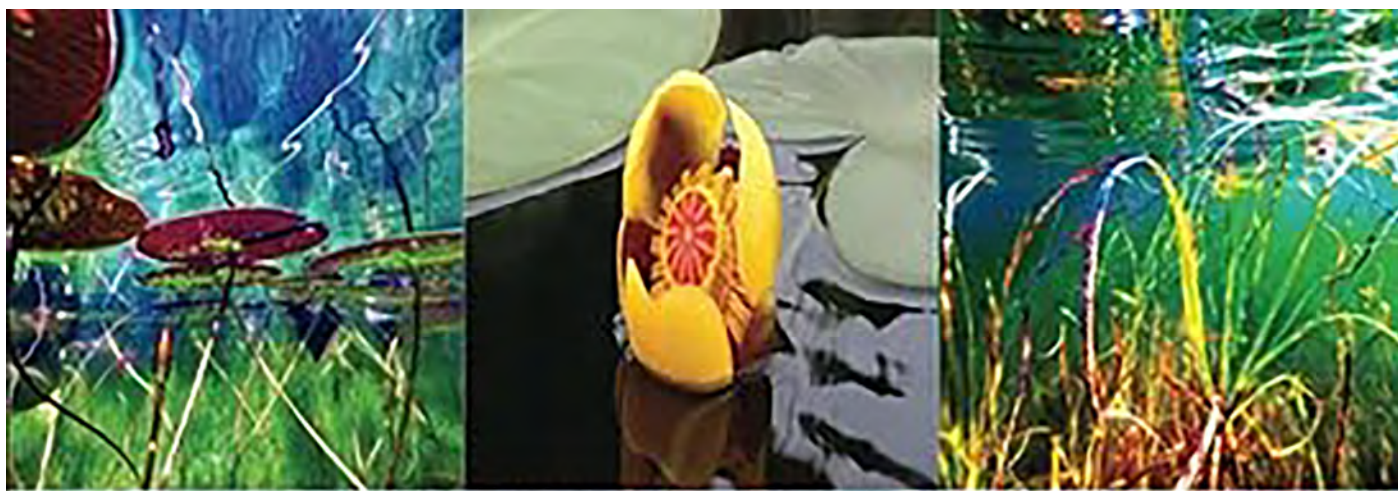
**We Need the Support of People Like You Who Care about
Preserving and Protecting our Extraordinarily Valuable
Freshwater Resources for Future Generations Now!!!**

- . Are you tired of funding the management of aquatic invasive species on your lake that were introduced by recreational boaters using the local MI Department of Natural Resources owned and operated public boating access site?**

- Are you just a bit angry that recreational boaters using your lake are not being asked to contribute their fair share to combat the negative influences of aquatic invasive species?
- Are you worried about the fact that your lakefront residential property values are being negatively influenced by the steadily increasing presence of aquatic invasive species?
- Are you concerned about the fact that it is nearly impossible to find an inland lake in Michigan that does not currently host one or more potentially harmful aquatic invasive species?
- Are you aware of the fact that inland lakes are Michigan's most valuable natural resource, and that our state legislature has thus far appropriated almost nothing in the way of budget resources to help ensure they remain healthy and viable?

If your answer is **YES** to any of these important questions, please help ensure that your voice is heard in Lansing by joining Michigan Waterfront Alliance today.

[Click here](#) to join Michigan Waterfront Alliance today !!!



The Common Aquatic Plants of the Great Lakes Region

and the

**Vital Role That They Play in Helping to
Promote and Sustain Healthy Inland
Lake Ecosystems and Bio-Diversity**

by William 'Scott' Brown



The presence of a healthy native aquatic plant community whose growth extends from a thriving natural shoreline or from near shore shallow waters into areas of the lake's glacier

carved basin hosting relatively deep water serves as a remarkably reliable bio-indicator of the existence of clear sunlight inundated waters, moderate biological productivity, an array of fish species and many other freshwater ecosystem dependent creatures, and good overall water quality. Comprised of a diverse assemblage of large aquatic plants that are referred to as macrophytes, abundantly growing macrophyte communities help to establish and sustain a multitude of vital interactive biological and ecological functions that make important contributions to helping preserve the overall health of tens of thousands of moderately productive inland lakes in the Laurentian Great Lakes region.

**Available for purchase as a paperback on Amazon by
[clicking here](#)**

**A percentage of profit derived from the sale of this book will
be
donated to help sustain the on-going Lansing-based
lobbying
efforts of Michigan Waterfront Alliance...**



---The Problem is Real---

The loss of natural shorelines is the biggest threat

to the overall health of Michigan lakes

National Lakes Assessment

Shoreland development is impacting Michigan's lakes causing issues such as poor water quality, erosion, and loss of fish and wildlife habitat. Taking action on your property now can help reverse these effects and protect the health of your lake.

To learn more about the mission, goals, and unique educational opportunities provided by the

Michigan **N**atural **S**horeline **P**artnership

[Click here](#)



**MICHIGAN
WATERFRONT
ALLIANCE**

BRONZE

MI Healthy Lakes

Champion

\$250

Donate

SILVER

MI Healthy Lakes

Champion

\$500

Donate

GOLD

MI Healthy Lakes

Champion

\$1000

Donate

**PLEASE CONSIDER BECOMING A MICHIGAN WATERFRONT
ALLIANCE MI HEALTHY LAKES CHAMPION TODAY!!!**

**YOUR GENEROUS DONATION OF \$250, \$500, or \$1,000 WILL
AMPLIFY OUR CAPACITY TO LOBBY FOR THE PASSAGE
OF COMMON SENSE LEGISLATION THAT IS PENDING IN
LANSING IN REGARDS TO REGULATING WAKE BOATS AND
SEPTIC TANKS!!! AS OUR READERS ARE WELL AWARE,
OUT
OF CONTROL WAKE BOATS ARE DAMAGING OUR LAKES,
AND TENS OF THOUSANDS OF DYSFUNCTIONAL SEPTIC
SYSTEMS ARE DEGRADING OUR LAKES, RIVERS,
STREAMS,
AND GROUNDWATER!!!**

TO BECOME AN MWA MI HEALTHY LAKES CHAMPION

[CLICK HERE](#)



**Please Consider Donating, and/or Becoming a Dues Paying
Member of Michigan Waterfront Alliance Today**

Please don't count on others to support the only organization in Michigan that is completely dedicated to voicing your legitimate concerns to our state legislators in Lansing.

We hire professional lobbyists - Karoub Associates - who understand the intricacies of dealing with state government - to reach out to our legislators. As you might imagine, the cost of hiring a professional, highly respected Lansing-

based lobbying firm whose downtown Lansing office is located within a literal stone's throw of Michigan's state capitol building is expensive - we believe, however, that to have someone in constant contact with our state senators and representatives it is more than worth the significant on-going expense.

To put it in blunt "no ifs, ands, or buts" terms, without your generous support we will be unable to continue our erstwhile efforts in Lansing.





If not **you**, then **who**?

We need **you!**

Michigan Waterfront Alliance (MWA) is the only all-volunteer non-profit organization in Michigan that is dedicated to reaching out on a daily, pro-active basis to our state representatives and senators about their on-going need to act **now** to protect our precious inland lakes, wetlands, rivers, and streams.

Please do not expect other lake associations, other individuals, and other corporations to fund MWA's efforts in Lansing.

If **you** want your voice to be heard in Lansing **you** need to be the other lake association, the other individual, and the other **corporation** to make a generous contribution to helping fund our on-going efforts in Lansing.

Please don't count on others to support the only organization in Michigan that is completely dedicated to voicing your legitimate concerns to our state legislators in Lansing.

We hire professional lobbyists - **Karoub Associates** - who understand the intricacies of dealing with state government - to reach out to our legislators. As you might imagine, the cost of hiring a professional, highly respected Lansing-based lobbying firm whose downtown Lansing office is located within a literal stone's throw of Michigan's state capitol building is expensive - we believe, however, that to have someone in constant contact with our state senators and representatives it is more than worth the significant on-going expense.

To put it in blunt "no ifs, ands, or buts" terms, without **your** generous support we will be unable to continue our erstwhile efforts in Lansing.

Please also remember that with the exception of a few relatively minor expenses related to keeping our website updated, and on-line, and a few relatively minor costs associated with distributing our e-newsletter, **all** of our membership and donation derived income goes to paying our downtown Lansing-based lobbying firm, and our attorneys. No exorbitant employee salaries or fringe benefit packages to pay!!!!!!!!!!

It is also important to note that last year **Michigan Waterfront Alliance** lawyers took a case all the way to the Michigan Supreme Court in order to get the State of Michigan to do it's job in protecting our lakes, rivers, streams, and wetlands.

Thank you for reading and considering this hopefully convincing appeal for donations - **no amount is considered too small** - all donations of money are happily received and acknowledged within the context of the generous spirit that prompted them!!!!!!!!!!

Click here to become a dues paying member of MWA

Click here to make a generous donation to MWA



ATTENTION READERS!!!

In order to add your friends, neighbors, and/or fellow lake or watershed conservation focused association member e-mails to our growing list of water resource conservation minded people who would like to receive this Michigan freshwater resources focused twice monthly newsletter, contact Editor Scott Brown at scottb1952@gmail.com

**Visit the Michigan Waterfront Alliance Web Site by Clicking
Here**

[Unsubscribe](#)
